- 1. An in-plane switching mode liquid crystal display device comprising: first and second substrates;
- a plurality of gate and data bus lines defining pixel regions and arranged on said first substrate;
 - a common line formed with said gate bus line;
- a plurality of thin film transistors formed at respective crossing areas of said gate and data bus lines, gate electrodes of said transistors being connected to said gate bus lines, respectively;
 - a gate insulator having a contact hole on said gate electrodes;
- a transparent first metal layer including a plurality of first electrodes on said gate insulator;
- a passivation layer having a contact hole on said transparent first metal layer; and a transparent second metal layer including a plurality of second electrodes on said passivation layer, said second electrodes producing plane electric fields together with said first electrodes.
- 2. The in-plane switching mode liquid crystal display device according to claim 1, wherein said common line and said transparent first metal layer form a first storage capacitor, and said transparent first metal layer and said transparent second metal layer form a second storage capacitor.
 - 3. The in-plane switching mode liquid crystal display device according to claim 1,

wherein each of said thin film transistors comprises a semiconductor layer on said gate insulator, a channel layer on said semiconductor layer, and source and drain electrodes on said channel layer, one of said source and drain electrodes being connected to said data bus lines.

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- 4. The in-plane switching mode liquid crystal display device according to claim 1, wherein said transparent first electrodes include data electrodes and said transparent second electrodes include common electrodes.
- 5. The in-plane switching mode liquid crystal display device according to claim 1, wherein said transparent first and second metal layers include indium tin oxide.
- 6. The in-plane switching mode liquid crystal display device according to claim 1, further comprising a first alignment layer over said first substrate.
- 7. The in-plane switching mode liquid crystal display device according to claim 6, wherein said first alignment layer includes one of polyimide, polyamide, and photosensitive material.

- 8. The in-plane switching mode liquid crystal display device according to claim 7, wherein said photosensitive material is selected from the group consisting of polyvinylcinnamate and polysiloxanecinnamate.
 - 9. The in-plane switching mode liquid crystal display device according to claim 1,

further comprising:

a black matrix for preventing light from leaking around said thin film transistor, said gate bus line, and data bus line;

a color filter layer on said second substrate; and

a liquid crystal layer between said first and second substrates.

- 10. The in-plane switching mode liquid crystal display device according to claim 9, further comprising an overcoat layer on said color filter layer.
- 11. The in-plane switching mode liquid crystal display device according to claim 1, further comprising a second alignment layer on said second substrate.
- 12. The in-plane switching mode liquid crystal display device according to claim 11, wherein said second alignment layer includes one of polyimide, polyamide, and photosensitive material.
- 13. The in-plane switching mode liquid crystal display device according to claim 12, wherein said photosensitive material is selected from the group consisting of polyvinylcinnamate and polysiloxanecinnamate.

14. An in-plane switching mode liquid crystal display device comprising:

first and second substrates;

a plurality of gate and data bus lines defining pixel regions and arranged on said first substrate;

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a common line formed with said gate bus line;

a plurality of thin film transistors formed at respective crossing areas of said gate and data bus lines, gate electrodes of said transistors being connected to said gate bus lines, respectively;

a gate insulator having a contact hole on said gate electrodes;

a transparent first metal layer including a plurality of first electrodes and a transparent second metal layer including a plurality of second electrodes on said gate insulator, said second electrodes producing plane electric fields together with said first electrodes on said gate insulator; and

a passivation layer on said common line and said thin film transistors.

- 15. The in-plane switching mode liquid crystal display device according to claim 14, wherein said common line and said transparent first metal layer form a first storage capacitor, and said transparent first metal layer and said transparent second metal layer form a second storage capacitor.
- 16. The in-plane switching mode liquid crystal display device according to claim 14, wherein each of said thin film transistors comprises a semiconductor layer on said gate insulator, a channel layer on said semiconductor layer, and source and drain electrodes on said channel layer, one of said source and drain electrodes being connected to said data bus lines.
- 17. The in-plane switching mode liquid crystal display device according to claim 14, wherein said transparent first electrodes include data electrodes and said transparent second

electrodes include common electrodes.

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- 18. The in-plane switching mode liquid crystal display device according to claim 14, wherein said transparent first and second metal layers include indium tin oxide.
- 19. The in-plane switching mode liquid crystal display device according to claim 14, further comprising a first alignment layer over said first substrate.
- 20. The in-plane switching mode liquid crystal display device according to claim 19, wherein said first alignment layer includes one of polyimide, polyamide, and photosensitive material.
- 21. The in-plane switching mode liquid crystal display device according to claim 20, wherein said photosensitive material is selected from the group consisting of polyvinylcinnamate and polysiloxanecinnamate.
- 22. The in-plane switching mode liquid crystal display device according to claim 14, further comprising:
- a black matrix for preventing light from leaking around said thin film transistor, said gate bus line, and data bus line;
 - a color filter layer on said second substrate; and
 - a liquid crystal layer between said first and second substrates.
 - 23. The in-plane switching mode liquid crystal display device according to claim 22,

further comprising a second alignment layer on said second substrate.

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- 25. The in-plane switching mode liquid crystal display device according to claim 24, wherein said second alignment layer includes one of polyimide, polyamide, and

24. The in-plane switching mode liquid crystal display device according to claim 14,

- 26. The in-plane switching mode liquid crystal display device according to claim 25, wherein said photosensitive material is selected from the group consisting of polyvinylcinnamate and polysiloxanecinnamate.
- 27. The in-plane switching mode liquid crystal display device according to claim 14, wherein said passivation layer is substantially only on the thin film transistors and the common line.
- 28. A method of forming an in-plane switching mode liquid crystal display device, the method comprising the steps of:
- 20 forming first and second substrates;

photosensitive material.

forming a plurality of gate and data bus lines defining pixel regions and arranged on said first substrate;

forming a common line formed with said gate bus line;

forming a plurality of thin film transistors formed at respective crossing areas of said

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gate and data bus lines, gate electrodes of said transistors being connected to said gate bus lines, respectively;

forming a gate insulator having a contact hole on said gate electrodes;

forming a transparent first metal layer including a plurality of first electrodes on said gate insulator;

forming passivation layer having a contact hole on said transparent first metal layer; and forming transparent second metal layer including a plurality of second electrodes on said passivation layer, said second electrodes producing plane electric fields together with said first electrodes.

- 29. The method according to claim 28, wherein said common line and said transparent first metal layer form a first storage capacitor, and said transparent first metal layer and said transparent second metal layer form a second storage capacitor.
- 30. The method according to claim 28, wherein each of said thin film transistors comprises a semiconductor layer on said gate insulator, a channel layer on said semiconductor layer, and source and drain electrodes on said channel layer, one of said source and drain electrodes being connected to said data bus lines.
- 31. The method according to claim 28, wherein said transparent first electrodes include data electrodes and said transparent second electrodes include common electrodes.
- 32. The method according to claim 28, wherein said transparent first and second metal layers include indium tin oxide.

- 33. The method according to claim 28, further comprising the step of forming a first alignment layer over said first substrate.
- 34. The method according to claim 33, wherein said first alignment layer includes one of polyimide, polyamide, and photosensitive material.
 - 35. The method according to claim 34, wherein said photosensitive material is selected from the group consisting of polyvinylcinnamate and polysiloxanecinnamate.
 - 36. The method according to claim 1, further comprising the steps of:

 forming a black matrix for preventing light from leaking around said thin film transistor, said gate bus line, and data bus line;

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forming a color filter layer on said second substrate; and forming a liquid crystal layer between said first and second substrates.

- 37. The method according to claim 36, further comprising the step of forming an overcoat layer on said color filter layer.
- 38. The method according to claim 28, further comprising the step of forming a second alignment layer on said second substrate.
 - 39. The method according to claim 38, wherein said second alignment layer includes one of polyimide, polyamide, and photosensitive material.

41. A method of forming an in-plane switching mode liquid crystal display device, the method comprising the steps of:

forming first and second substrates;

forming a plurality of gate and data bus lines defining pixel regions and arranged on said first substrate;

forming a common line formed with said gate bus line;

forming a plurality of thin film transistors formed at respective crossing areas of said gate and data bus lines, gate electrodes of said transistors being connected to said gate bus lines, respectively;

forming a gate insulator having a contact hole on said gate electrodes;

forming a transparent first metal layer including a plurality of first electrodes and a transparent second metal layer including a plurality of second electrodes on said gate insulator, said second electrodes producing plane electric fields together with said first electrodes on said gate insulator; and

forming a passivation layer on said common line and said thin film transistors.

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